

The Raleigh Amateur Radio Society's
EXCITER

**RARS EVENTS:**

- The RARS General Membership meeting is the 1st Tuesday of the month.
- The RARS net meets every night @ 8 PM on 146.640.
- The RARS Technical & Trader's net is Saturdays @ 8:30 PM or following the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

Calling All Seasoned Hams

Announcement by Chuck Littlewood K4HF

The Quarterly Century Wireless Association Piedmont Chapter 126 will hold its second quarter luncheon meeting March 17 at 11:30 AM at McCall's BBQ and Seafood Restaurant, 10365 US Hwy 70 W, Clayton, NC. The phone number is 919-550-3877.



All members and guests are welcome.

Our guest speaker will be Weldon Field W4AJT of Greensboro who will present "The Piedmont Chapter 126 32nd Anniversary Saga and other History notes."

More info on our organization is available at <http://www.qcwa.org> and for the local Piedmont Chapter at <http://www.qsl.net/qcwa126>. Local Raleigh contacts are Chuck K4HF, Charlie WB4DCM, and several other RARS members.

Next RARS Meeting: March 6

7:30 PM: RARSfest Update and
RARS Awards & Birthday Party.

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).



The Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcome articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

The Editor reserves the right to edit any and all pieces.

The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

Editor: Courtney Enzor KI4HOS (editor@rars.org)

RARS General Meeting

Date: First Tuesday of each month

Location: First Alliance Church

4400 Buffaloe Road

Raleigh, NC

Time: People begin arriving at 7 PM. The meeting officially begins at 7:30 PM.

RARS Monthly Dinner

Join us on the 2nd Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family – feel free to bring your little ones! Dinner begins at 6:30 pm.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net @ 8 PM on the 146.640. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS member to the net.



VE TESTING

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

March Birthdays

Tim	KD4MBC	3/1
Marty	W4MY	3/2
Noble	N4UOQ	3/6
Karl	W4CHX	3/6
Rich	KR4AS	3/8
Bruce	WA9NEW	3/8
Jim	WA5APR	3/10
Bob	WA4ZZN	3/12
David	KF4VXJ	3/12
Tom	KJ4ULP	3/14
Larry	K4LXV	3/17
Eddie	WK4I	3/18
Fred	KJ4RGB	3/19
Robbin	KJ4DAZ	3/20
Bill	K4WGE	3/20
Carl	W4HJZ	3/23
Greg	KE4PAX	3/23
Bill	K4HVH	3/27
Gary	AK4CI	3/29
Zack	W4ZWA	3/31

January 2012

RARS Net Reports

Checkins: 510

Traffic: 35/25

Minutes: 595

Sessions: 31

Special Interest Nets:

Checkins: 90

Minutes: 360

Sessions: 9

Upcoming Hamfests

3/3 Cave City Hamfest
Cave City, KY
<http://www.arrl.org/hamfests/cave-city-hamfest-1>

3/3- BirmingHAMfest (AL Section Conv.)
3/4 Birmingham, AL
<http://w4cue.com/fest.html>

3/10- Charlotte Hamfest (Roanoke Div. Conv.)
3/11 Concord, NC
<http://www.w4bfb.org/hamfest2012/hamfest.html>

3/17 Charleston Area Hamfest
Charleston, WV
<http://www.w8gk.org/docs/HamfestFlyer2012.pdf>

3/31 Grtr. Baltimore Hamboree & Computerfest
Timonium, MD
<http://www.gbhc.org/>

New RARS Members

Dave Anderson	K4ITM
Joe Hilburn	K4UOO
Jim Masclat	WH6JQ
Buddy Speight	KG4BBL
Ken Rudder	WA4JJW

President's Corner

Column by Karl Bowman W4CHX, RARS President

Spring is coming! Now I can play radio outside! It will be easier to work on my antennas! I will be going to hamfests! And, I am looking forward to RARS activities, i.e. RARSfest, public service, and ARRL Field Day! How about you?

As you are making your plans, please schedule some time to help RARS over the next few months. Volunteers are still needed to assist with RARSfest on Friday and Saturday, April 6 and 7. A quick and easy way to sign-up to help can be found on the RARSfest webpage at www.rars.org. Alternatively, you may contact John AI4RT at ai4rt@hotmail.com to volunteer. There are many public service events this spring. Again, visit the RARS website or contact John AI4RT to volunteer for these upcoming public events. ARRL Field Day will be held over the weekend of June 22-24, 2012. Bob W4TTX and the band captains are working hard on the plans for another successful Field Day, and David KF4VXJ is working on donations to support the event. From what I have heard, Field Day should be great this year! Nevertheless, volunteers are still needed. Please contact Bob W4TTX or David KF4VXJ if you can provide assistance with Field Day.

The next RARS meeting will be held on Tuesday, March 6. The program will include an update on RARSfest, the annual RARS Birthday Party, and presentation of RARS awards. Please don't forget to attend -- you might be receiving an award!

Why CW Was Important to Ham Radio

Article by Marty Young W4MY

We have all read the letters to QST, eHam articles, and group discussions with old timers about how eliminating CW has wrecked Ham Radio. Newcomers to this grand hobby see no relevance to this antiquated mode of communicating and view CW as an unnecessary roadblock. Just what was it about CW that got (and sometimes still gets) emotions and passions so exercised? Why was CW important to Ham Radio?

I look back into my own experience to try and explain this. I don't go back as far as most, but far enough I think. My earliest recollection in life is that I was fascinated by radio. My earliest memory is going to bed with a table top broadcast receiver in my bed under the sheets. This was a special radio with a shortwave section that my parents got

for me. I don't actually remember the specific circumstances of how it came to be that I owned a shortwave receiver at age 9, but knowing my early passion, it doesn't surprise me. My parents were no help in encouraging me and even thought I would "outgrow" my strange interest!

Everything I knew about radio, propagation, magnetism, gravity, was a result of self motivation, curiosity, and ingenuity. It was a thirst for more knowledge. When I saw the ham radio station of my soon to be elmer, Bill Asbury, WA4GYZ, there was no doubt that instant I was to be a Ham. No obstacle was to be too difficult, no mountain too high, ocean too deep, no code too difficult to stop me from my destiny of becoming a Ham. If the requirement had been walk over hot coals impregnated with broken glass in my bare feet, I would have done it! Thankfully, all I had to do was learn CW!... no problem!

Having suffered through this shared "obstacle" and gotten my ticket, I was in the fold. Although not realizing it then, I met and was involved with others who felt the same about radio as me. We had a shared experience of taking on this difficult task and overcoming it. We "understood" each other in a way that others didn't. It was "safe" to talk about radio and CW without fearing condescending remarks from most "regular" people. We could relate to each other at a higher and more intimate level. CW was as much a litmus test of one's interest and metal as it was a viable communications mode. If you were willing to put up with learning CW, it was thought, you really had the ham radio bug.

The world is now a different place than it was back then of course. These old school ways of doing things have taken a back seat to more streamlined and practical matters. We old time hams are surrounded by folks with iPhones and 4G wristwatches missing that shared adversity experience. We want so much to go back to that safe place in our hearts where CW was king. To share and relate to the new radio enthusiasts and make that connection again. But alas, we hear many times over how CW is a complete waste of time and anything that takes longer than 60 seconds to master is not worth doing.

So I welcome the new hams with open arms. I will endeavor to pass along my passion for this hobby that has given me so much pleasure over the years. Hopefully now, after having read this, the new hams understand a little better why we old timers feel the way we do about CW.

Upcoming Ham Radio Class

Announcement by Virginia Enzor NC4VA, RARS Education Director

Have you ever had an interest in ham radio? Want to talk to folks around the world? Want to assist with communications during an emergency? Want to help with public service events? Like to talk and make new friends? Then ham radio may be for you!

A class to prepare interested folks for the **Technician Class License** (entry level) will be held this spring, **taught by an instructor from the Raleigh Amateur Radio Society (RARS)** hosted by the Church of Jesus Christ of Latter-day Saints. This 2-part class will prepare participants for the FCC exam. The exam will be administered at the end of the last class session. **The class is open to the public.** Details follow:

Dates: Saturdays
April 14, 2012, 8am – 12:30pm
April 28, 2012, 8am – 12:00 pm; Exam at 1:00pm

Location: Church of Jesus Christ of Latter-day Saints
5060 Six Forks Rd
Raleigh, NC 27609

Instructor: Mike Murphy WA4BPJ, Raleigh Amateur Radio Society

Cost: \$30.00 for the class (includes manual) and \$15.00 for the exam fee; checks should be made out to RARS upon receipt of the manual. The exam fee will be paid at exam time.

All participation is by pre-registration. **To register for this class, please contact RARS Education Director Virginia Enzor NC4VA at nc4va@nc.rr.com or (919) 469-8555 by Wednesday, April 25.** She will be happy to answer any questions you may have about the class, licensing, or the exam.



Class space is limited, so register early!

Minutes of the January 2, 2012 RARS General Meeting

1. Guests (pre-meeting announcement): Karl W4CHX introduced the guests:
 - a. John Maruca, KK4ETV
 - b. Bill Wright, KJ4MNZ
 - c. Kirk Scott
 - d. RARS Members were encouraged to greet and welcome our guests.
2. Call to order: The meeting was called to order at 7:40 PM by Karl W4CHX.
3. Approval of minutes: The Minutes of the RARS General Membership meeting on December 6, 2011 were approved.
4. Vice President's report (CJ KJ4OBQ): No report.
5. Treasurer's report (Greg KE4PAX): Greg KE4PAX reported current membership is 290. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
6. Announcements (Karl W4CHX):
 - a. RARS Dinner: second Tuesday, (1/10/12), 6:30 PM, Golden Corral, 6129 Glenwood Avenue (Hwy 70), monitor the 146.64 repeater on Tuesday (1/10) for any update information.
 - b. RARS Board meeting: third Tuesday (1/17/12), 7:00 PM, Triangle Radio Reading Service, 211 E. Six Forks Road, Suite 103; any RARS member is welcome to attend. For more information, contact any RARS officer.
 - c. After meeting gathering: The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco)
 - d. Upcoming hamfests (local): Winston-Salem FirstFest, Winston-Salem, NC (1/24); please see the Exciter or the ARRL website for information on other hamfests.
 - e. Guests: Additional guests were introduced:
 - i. Ben Griffin, KJ4DEM
 - ii. John Brier, KG4AKV
 - iii. Laura Lukes, KK4FYT

- iv. Woody Woodward, K3VSA
- v. Donna Etheridge
- vi. Mary Ruth Dana

7. Reports from RARS Board members and others:

- a. Gary Pearce, KN4AQ: We are marking 100 Years of ham radio. He talked about the history of legislation authorizing amateur radio.
- b. Gary Pearce, KN4AQ: Tim Allen has a new TV sitcom at 8:00 ABC. Characters on the show are ham radio operators.
- c. Selene Montgomery, KG4RMT: Be sure to check out the "For Sale" table in the back of the room.

8. No other business was brought before the membership.

9. Drawing: The winners were

- a. Justin Pinnix, AJ4MJ
- b. Ken McEwen, KI4OTO

10. Program: The program was "Amateur Television (ATV)", which was presented by Mark Freeze, WD4KSE

11. Adjournment: The meeting was adjourned at 9:04 PM by Karl W4CHX

Minutes of the January 17, 2012 RARS Board Meeting

Present: Bob KI4YXM, Ken KI4OTO, Hank K4HM, Selene KG4RMT, Don WA4AVU, Jack N6UYB, Chuck K4HF, Bob W4TTX, Greg KE4PAX

Guests: Dave KF4VXJ

Apologies and/or emailed reports: Karl W4CHX, CJ KJ4OBQ

1. Call to order (Bob KI4YXM): Bob KI4YXM chaired the meeting in the absence of the President and Vice President of RARS. The meeting was called to order at 7:04 PM.
2. Approval of minutes (Bob KI4YXM): The Minutes of the November 15, 2011 meeting of the RARS Board were approved.
3. Vice President's report (CJ KJ4OBQ): No report
4. Treasurer's report (Greg KE4PAX): Currently have 296 members. We are waiting on First Alliance to provide billing information for 2012. Detailed balance sheet is available upon request.
5. Secretary's report (Bob KI4YXM): No report.
6. Committee reports:
 - a. Public Service Director (John AI4RT): No report.
 - b. Public Information Officer (Chuck W3WZN): No report.
 - c. Education Director (Virginia NC4VA): No report.
 - d. Field Day Chair (Bob W4TTX): Planning has started. Letters to last year's band captains have been sent. All responses to date have been positive. The Red Cross will be there on Friday night and Saturday night with their trucks to serve meals as a practice exercise. RARS will pay for purchase of the food. There will be an organizational meeting in March. Dave KF4VXJ reported on the status of soliciting sponsors for food and supplies.
 - e. FM Repeater Chair (Karl W4CHX): Two antennas (Diamond X50) have been purchased, tested, and delivered to the RTP tower site for installation in support of the 145.13 repeater project. Karl W4CHX thanks Cliff W4FT and

Alan AB4OZ for testing the antennas. Jack N6UYB reported that the plan was to install the antennas when the tower was scheduled to “be climbed” so we can share the expense of the climbers with others.

- f. RARSFest Chair (John AI4RT): A planning meeting is scheduled for Monday, January 23, 2012.
- g. Exciter Chair (Courtney KI4HOS): No report.
- h. Hospitality Chair (Mary Jo K4MJL): No report.
- i. Net Manager (Mary KG4OQA): No report.
- j. ARRL Liaison (Chuck K4HF): On January 11, 2012, the FCC issued a Memorandum Opinion and Order denying an ARRL Petition for Reconsideration concerning vanity and club call signs. Filed with the Commission in January 2011, the ARRL's Petition was in response to the FCC's Report and Order (R&O) that detailed rules changes to the vanity call sign system and call signs for Amateur Radio clubs. These new rules went into effect on February 14, 2011. More information is in the Regulatory Section on the ARRL website.
- k. At-Large Director (Don WA4AVU): Reported that the items stolen for the APRS “go-kit” have been replaced for less than \$60.
- l. At-Large Director (Ken KI4OTO): No report.
- m. At-Large Director (Jack N6UYB): No report
- n. W4DW/W4RNC Trustee (Jeff AC4ZO): No report.
- o. RARSVE Coordinators (Joe WA4GIR and Liz KO4CK): No report.
- p. RARS Webmaster (Hank K4HM): It was reported that he is working on updating the website to support RARSfest. Volunteer sign-up records and items for the consignment tables will be stored in a database.

7. Old business:

- a. RARS White Paper (Karl W4CHX): Based on his email communication, Karl W4CHX informed the Board that several words in the RARS White Paper were changed to avoid any misinterpretation of our public service activities.

John AI4RT reviewed and agreed to the word changes. Copies of the previously approved RARS White Paper and the word changes were available for review. The .pdf file of the White Paper needs to be updated to include the word changes.

- b. RARS New Ham Invitation Letter (CJ KJ4OBQ): Current issue is acquiring a list of new hams.

8. New business:

- a. New award for RARS members (Ken KI4OTO): Ken KI4OTO presented his idea for a RARS recognition award. He will present his ideas at the RARS general membership meeting and ask for interested people to work with him to further develop the idea. It was suggested that such activity be directed toward new members to encourage their participation.
- b. Damage occurred at December club meeting (Karl W4CHX): Based on his email communication, Karl W4CHX informed the Board that property owned by a parishioner at the First Alliance Church was damaged during the December club meeting. The Encore Singers have claimed responsibility and replaced the damaged item. The church member involved considers the item closed.
- c. Insurance coverage: There was discussion regarding what coverage the club's insurance provided and should we seek additional coverage of stolen items. Greg KE4PAX will seek information from our provider on what type of coverage is available and its cost. This will be considered later when the information is available.
- d. Awards committee: Chuck K4HF was appointed head of a committee to recommend awards, which will be presented at the March, 2012 general membership meeting. Chuck K4HF will select remaining members of the committee.

9. Board member's comments: There were no further comments.

10. Adjournment (Bob KI4YXM): The meeting was adjourned at approximately 9:00 PM.

Minutes of the February 7, 2012 RARS General Meeting

1. Guests (pre-meeting announcement): Karl W4CHX introduced the guests attendees: Ken Rudder, WA4JJW; Mike Misinonile; Cecil Madden, Sr; and, Shane Trent (who was taking the test). He encouraged the RARS members to greet and welcome our guests.
2. Call to order: Karl W4CHX called the meeting to order at 7:35 PM. There were 68 people in attendance.
3. Approval of minutes: The Minutes of the RARS General Membership meeting on January 3, 2012 could not be approved, because they had not been published in the current issue of the *Exciter*.
4. Vice President's report (CJ KJ4OBQ): During the introduction of the speaker (see below), CJ KJ4OBQ reported that next month's speaker would be John AI4RT and topic would be RARSfest.
5. Treasurer's report (Greg KE4PAX): Currently, there are 299 members in RARS. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
6. Announcements (Karl W4CHX):
 1. RARS Dinner: second Tuesday of every month (2/14/12), 6:30 PM, Golden Corral, 6129 Glenwood Avenue (Hwy 70); monitor the 146.64 repeater on Tuesday (2/14) for any update information.
 2. RARS Board meeting: third Tuesday of every month (2/21/12), 7:00 PM, Triangle Radio Reading Service, 211 E. Six Forks Road, Suite 103; any RARS member is welcome to attend. For more information, contact any RARS officer.
 3. After meeting gathering: The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco)
 4. Upcoming hamfests (local): Orlando Hamcation & Computer Show, Orlando, FL (2/12); Annual Dalton ARC Hamfest, Dalton, GA (2/25); and WinterFest, Annandale, VA (2/26). Please see the *Exciter* or the ARRL website for information on other hamfests.

7. Reports from RARS Board members and others:

1. RARSfest and public service opportunities (John AI4RT): John AI4RT reviewed the status of RARSfest and encouraged people to volunteer to help. He reviewed upcoming service events such as: 1) Odyssey of the Mind (3/3); 2) Triangle Walk MS (3/31); 3) MS Spring Fling (4/7, same day as RARSFest); and, 4) MS Springfest 2012 (4/22). Check the RARS web site for additional events.
 2. Club awards (Ken KI4OTO): Ken KI4OTO wants set up an awards program to encourage RARS member participation in club events. At least two people are needed to help set up rules, awards, and type. There will be a brainstorming session initially. Then, they will help get the program set up and running.
 3. Wouff Hong Ceremony at RARSfest (Jeff AC4ZO): Jeff AC4ZO talked about the Royal Order of the Wouff Hong. There will be an induction ceremony on Friday, April 6, 2012, which is the night before RARSFest.
 4. ARRL Field Day 2012 (Bob W4TTX): Bob W4TTX reviewed plans for ARRL Field Day 2012, which will occur from Friday to Sunday, June 22-24, 2012. The food plan was reviewed: Friday night, tacos; Saturday night, BBQ; and, Sunday morning, breakfast. One of the objectives for this year is to beat the team from the OCRA and DFMA clubs.
 5. Hosting for RARSfest weekend (Chuck K4HF): Chuck K4HF asked the RARS members to consider hosting someone for RARSFest weekend.
 6. Drawing: The winner was Joyce KJ4LKQ.
 7. Program: The presentation was, "Building a DZKit Sienna Transceiver", which was presented by RARS member Rich Mitchell, NC4EN.
 8. Adjournment: Karl W4CHX adjourned the meeting at 8:35 PM.
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Local Amateur Radio Nets

Join us every evening at 8 PM on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

Central Carolina SKYWARN

Please join us each Tuesday @ 9:15 PM on the 146.880 repeater for the CCS net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **PCTN (Piedmont Costal Traffic Net)** meets every night at 9 PM on the 146.880. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The Wake County ARES Net

meets Thursdays at 8:30 PM on the 146.640 repeater. We provide discussion training for the implementation and provision of emergency communications for our served agencies, such as the American

Red Cross and the local and state Emergency Operations Center. Please join us. For more information, check out www.wakeares.org.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 PM.

This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

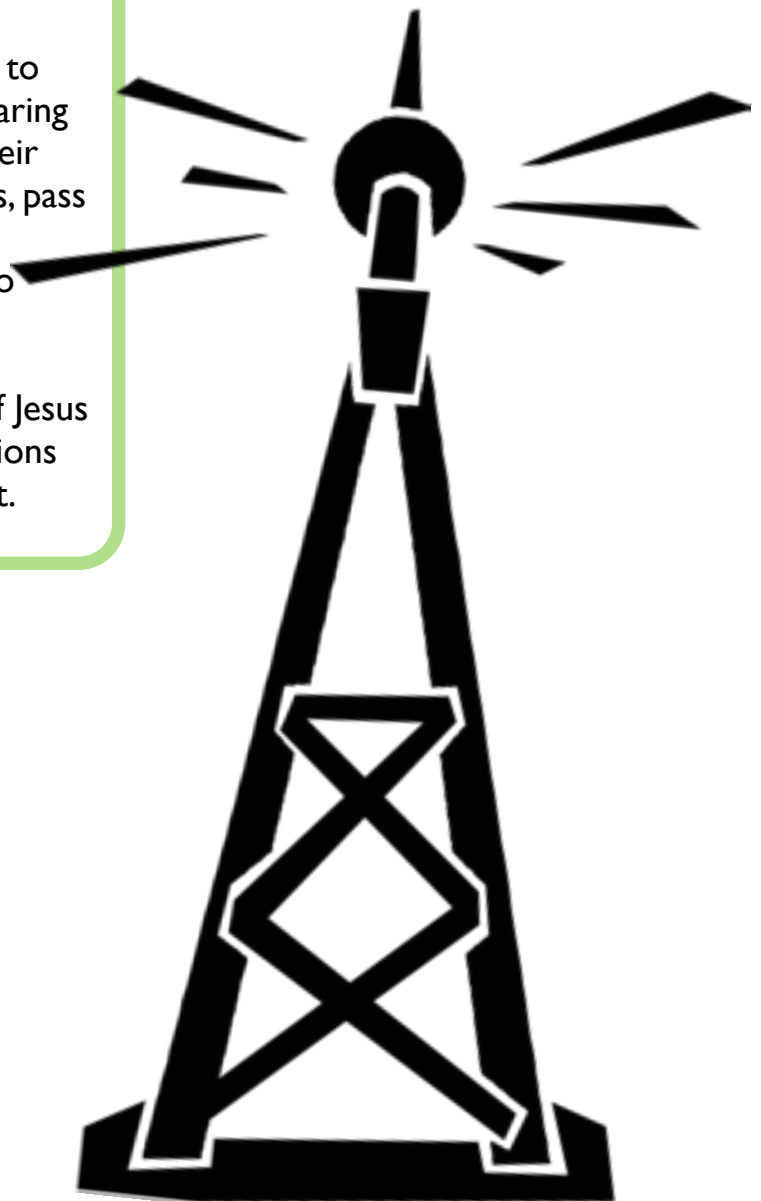
Local Amateur Radio Nets

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 at 8:30 PM.

Apex Emergency Response Communications Net

This net meets weekly each Sunday evening @ 9 PM on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints. All stations are invited to participate in this net.

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.



RARS Classifieds

Looking to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php>.

RARS members are welcome to post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

EXCITER

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